This Listing of Claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

Claim 1 (Currently Amended) A ~~metal oxide~~ electrode ~~coated with a porous metal thin film, a porous metal oxide thin film or a porous carbon thin film to a thickness of a few Å -- a few μm thereon, for a secondary battery~~ of a secondary battery comprising a porous film on a metal oxide electrode, wherein the porous film consists essentially of a metal, a metal oxide or a carbon, and the metal oxide electrode comprises an active material selected from the group consisting essentially of $LiCoO_2$, $LiNiO_2$, V_6O_{13}, V_2O_5 and a combination thereof.

Claims 2-6 (canceled without prejudice or disclaimer).

Claim 7 (Currently Amended) A lithium-ion secondary battery comprising:

~~a metal oxide electrode coated with a porous metal, a metal oxide or a carbon thin film having a thickness of a few Å -- a few μm and being $LiCoO_2$, $LiMn_2O_4$, $LiNiO_2$, V_6O_{13} or V_2O_5; and an anode being graphite, coke or hard carbon~~

the electrode of claim 1 and an anode comprising a carbon material selected from the group consisting of graphite, coke, hard carbon and a combination thereof.

Claim 8 (New) A method for fabricating an electrode comprising:

positioning a sheet of a metal oxide electrode within a vacuum chamber;

coating a film of a porous metal, a metal oxide or carbon on a surface of the sheet of the metal oxide electrode; and

stabilizing the film under a vacuum

Claim 9 (New) The method of claim 8, wherein the film is coated by a process selected from the group consisting of a heating deposition process, an electron beam deposition process, an ion line deposition process, a sputtering deposition process, a laser ablation process, and a combination thereof.

Claim 10 (New) The method of claim 8, wherein the porous metal comprises a metal or a metal alloy selected from the group consisting of lithium, aluminum, tin, bismuth, silicon, antimony, nickel, copper, titanium, vanadium, chrome, manganese, iron, cobalt, zinc, molybdenum, tungsten, silver, gold, platinum, iridium, ruthenium and a combination thereof.

Claim 11 (New) The method of claim 8, wherein the vacuum is a vacuum of below 10^{-1} torr at a temperature of 20°C ~ 100°C for 1 ~24 hours.

Claim 12 (New) The method of claim 8, wherein the metal oxide electrode comprises an active material selected from the group consisting of $LiCoO_2$, $LiMn_2O_4$, $LiNiO_2$, V_6O_{13}, V_2O_5 and a combination thereof.